NCCS Snapshot
The Week of February 19, 2007
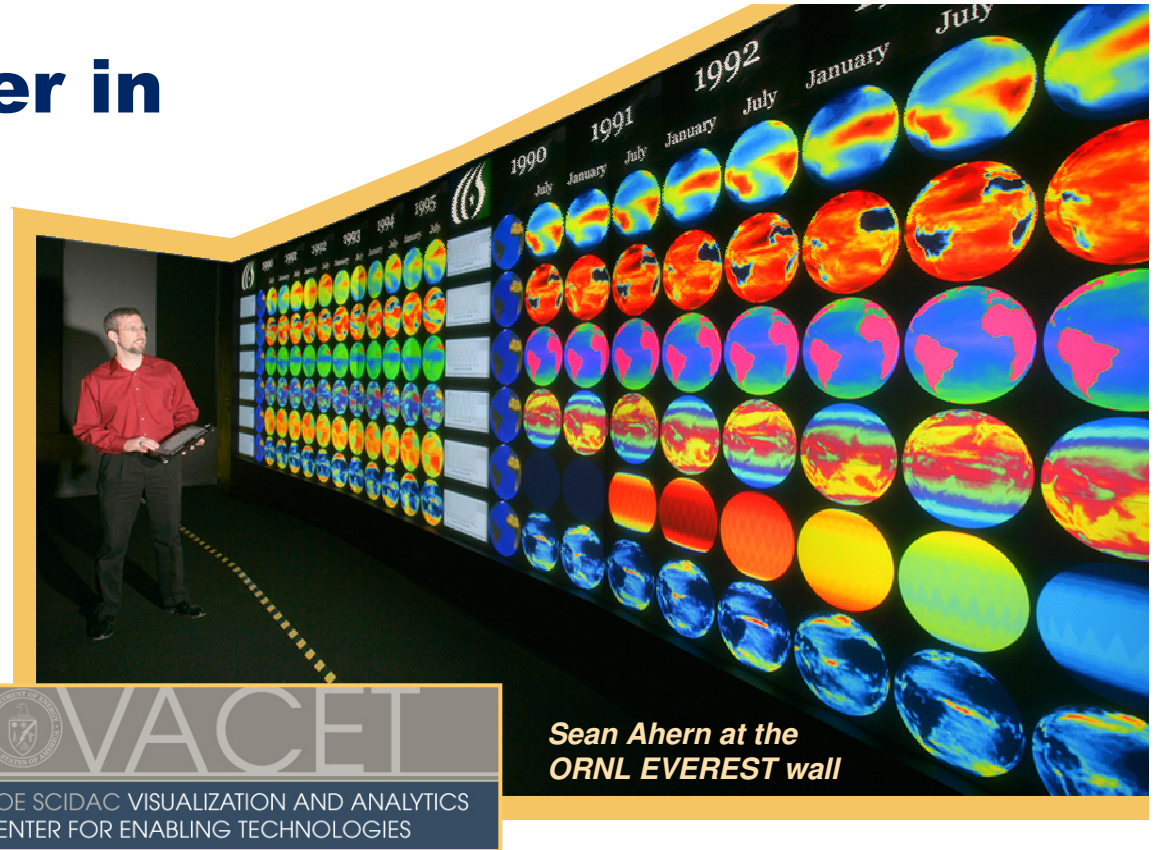
NATIONAL CENTER
FOR COMPUTATIONAL SCIENCES
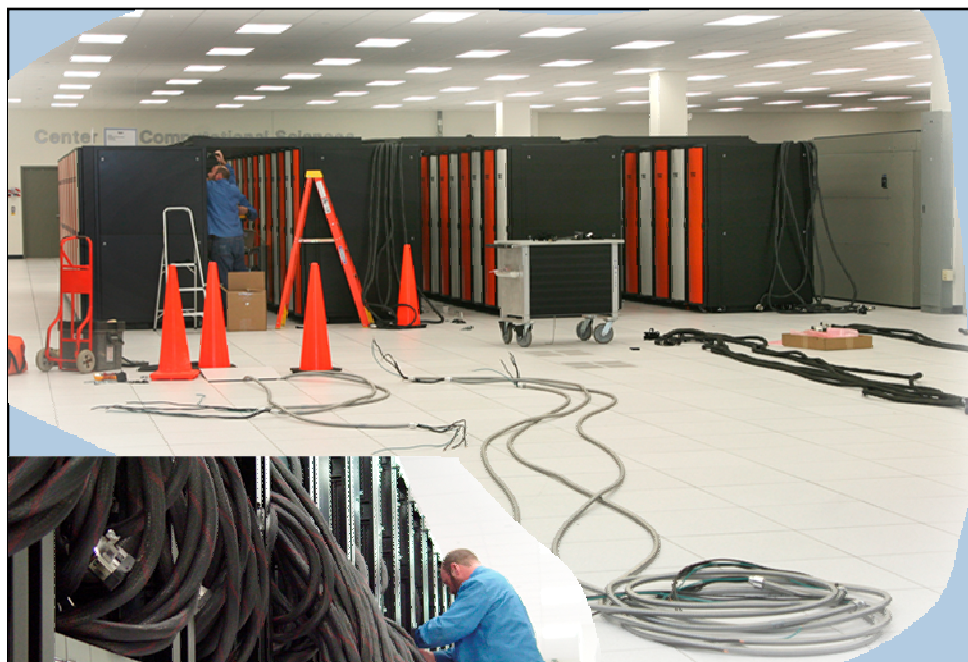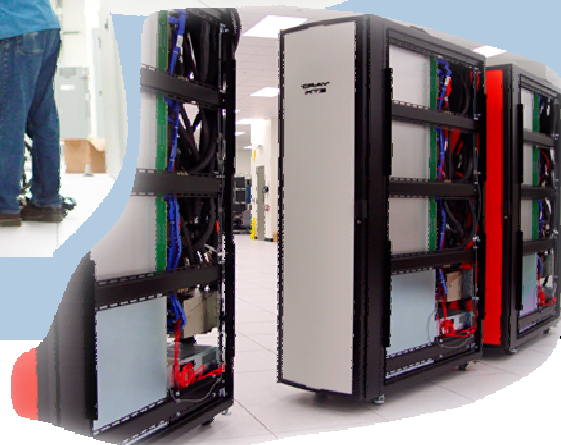
Vis Experts Gather in Salt Lake City

- **ORNL sends visualization experts to first all-hands meeting of the Visualization and Analytics Center for Enabling Technologies (VACET)**

- **VACET is a SciDAC center dedicated to matching SciDAC projects with the right data-analysis tools**

Sean Ahern at the ORNL EVEREST wall

- **Participating institutions are ORNL, LLNL, LBNL, University of Utah, and UC-Davis**

- **NCCS visualization team leader Sean Ahern is the Oak Ridge principal investigator**

- **Jamison Daniel of the visualization team and George Ostrouchov and Jeremy Meredith from ORNL's Computer Science and Mathematics Division also attended**

XT4 *Open for Business*

Cray XT3 is moved to second floor

- Users are now on the 68-cabinet Cray XT4 on the second floor of the NCCS

- New system has peak performance of 65 teraflops, up 20 percent from the XT3

- XT3 cabinets have been moved to the second floor

- The two systems will be connected and ready for use by the end of March, creating a 119-teraflops system

- Eventually the system will be upgraded to 250 teraflops

Distance Lectures Introduce ORNL Experts to Georgia Tech Students

- **Course led by Thomas Zacharia, Associate Laboratory Director for the Computing and Computational Sciences Directorate at ORNL**

- **Speakers include Zacharia, LCF Director Buddy Bland, and a variety of other ORNL computing experts and computational scientists**

- **Lectures are held at ORNL and broadcast to Georgia Tech**

- **Lectures will be held on Friday afternoons throughout the Georgia Tech semester**